

IN THE CLAIMS:

1. (Original) A combination product comprising a positive oil in water emulsion wherein said emulsion comprises a compound presenting free NH₂ groups, at its natural state, at the oil-water interface, and an antibody, wherein said compound is linked to said antibody by a heterobifunctional linker, linking said NH₂ groups to SH groups on the antibody hinge region.

2. (Original) The combination product of claim 1 wherein said product has a positive zeta charge.

3. (Currently Amended) The combination product of claim 1 [[or 2]], wherein said compound presenting NH₂ free groups is at least one cationic lipid selected from the group consisting of a C₁₀-C₂₄ alkylamine, a C₁₀-C₂₄ alkanolamine and a cholesterol ester.

4. (Original) The combination product of claim 3, wherein said compound presenting NH₂ free groups is stearylamine or oleylamine.

5. (Currently Amended) The combination product of claim 1 ~~any of claims 1 to 4~~, wherein said emulsion comprises colloid particles having an oily core surrounded by an interfacial film, wherein said interfacial film comprises said compound presenting free NH₂ at its natural state, nonionic surfactant and an anionic surfactant or anionic lipid, wherein said colloidal particles have a positive zeta potential.

6. (Currently Amended) The combination product of claim 5, wherein said emulsion contains an active principle (drug).

7. (Currently Amended) The combination product of claim 1 ~~any of claims 1 to 6~~, wherein said antibody is a polyclonal antibody.

8. (Currently Amended) The combination product of claim 1 ~~any of claims 1 to 6~~, wherein said antibody is a monoclonal antibody selected from the group comprising native forms, synthetic forms, chimeric forms and humanized forms.

9. (Currently Amended) The combination product of claim 1 ~~any of claims 1 to 8~~, wherein said antibody targets an antigen present at the surface of a pathological cell.

10. (Currently Amended) The combination product of claim 1 ~~any of claims 1 to 9~~, wherein said antibody targets a protein selected from the group comprising HER-2, H-ferritin, PSMA, mucins, MUC 1, CD 44 and retinal S-Ag.

11. (Currently Amended) The combination product of claim 1 ~~any of claims 1 to 6 and 8 to 10~~, wherein said antibody is ANB8LK antibody.

12. (Currently Amended) The combination product of claim 1 ~~any of claims 1 to 11~~, wherein said linker is chosen from N-l stearyl-maleimide (SM), oleylmaleimide, succinimidyl trans-4-(maleimidylmethyl)cyclohexane-1-carboxylate (SMCC) and succinimidyl 3-(2-pyridyldithio)propionate (SPDP).

13. (Original) A method for producing a combination product according to claim 1, comprising the steps of:

- a) optionally reducing an antibody in order to obtain free SH group on its hinge region,
- b) mixing a positive emulsion wherein said emulsion comprises a compound which, at its natural state, contains free NH₂ groups, wherein said compound is linked to a heterobifunctional linker by said NH₂ groups, with the antibody presenting free SH groups in order to obtain said combination product.

14. (Currently Amended) The method of claim 13, wherein said positive emulsion in step b) is obtained by emulsion:

- i. linking ~~[[an]]~~ a linker to a free NH₂ group naturally present on a compound that is used to obtain ~~obtained~~ a positive emulsion, in order to obtain a modified compound,
- ii. mixing said modified compound, which at its natural state contains free NH₂ groups, with the other products necessary to obtain an emulsion, in order to obtain a positive emulsion.

15. (Original) The method of claim 13, wherein said positive emulsion in step b) is obtained by:

- i. mixing a compound, which at its natural state contains free NH_2 groups, with the other products necessary to obtain an emulsion, in order to obtain a positive emulsion,
- ii. linking a linker to a free NH_2 group naturally present on said compound, in order to obtain a modified compound within said positive emulsion.